



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Eric R. Lovegren et al.

Appln. No.: 10/046,647

Filed

: October 29, 2001

For

: MEASUREMENT OF CONCENTRATION OF

MATERIAL IN A PROCESS FLUID

Docket No.: R11.12-0763

Group Art Unit:2857

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION - FILING DATE GRANTED UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)

Box Missing Parts Commissioner for Patents Washington, D.C. 20231 I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, THIS

PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of application - Filing Date Granted dated April 5, 2002, Applicant encloses the following documents to complete the above-identified patent application filed October 29, 2001:

- Credit Card Payment Form 2038 in the amount of \$888 (to cover the filing fee \$758 and surcharge fee of \$130).
- 2. Combined Declaration and Power of Attorney executed by the inventor(s).
- 3. Fee Calculation Sheet (duplicate).
- 4. Notice to File Missing Parts of Application-Filing Date Granted.
- Letter to the Official Draftsperson.
- 6. Fifteen (15) sheets of formal drawings.

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted, WESTMAN, CHAMPLIN & KELLY, P.A.

Judson K. Champlin, Reg. No. 34,797

Suite 1600 - International Centre

900 Second Avenue South

Minneapolis, Minnesota 55402-3319

Phone: (612) 334-3222 Fax: (612) 334-3312

JKC:tas





THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Eric R. Lovegren et al. Inventor

Batch No:

Appln. No.: 10/046,647

Allowed:

Filed

: October 29, 2001

Group Art Unit: 2857

For

: MEASUREMENT OF CONTRATION OF

Examiner:

MATERIAL IN A PROCESS FLUID

Docket No.:

R11.12-0763

LETTER TO OFFICIAL DRAFTSPERSON

Box Issue Fee Commissioner for Patents Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, THIS

PATENT ATTORNEY

Sir:

Enclosed are fifteen (15) sheets of formal drawings for filing in the above-identified application.

Respectfully submitted,

WESTMAN, CHAMPLING & KELLY P.A.

Judson K. Champlin, Reg. No. 34,797 Suite 1600 - International Centre

900 Second Avenue South

Minneapolis, Minnesota 55402-3319

Phone: (612) 334-3222 Fax: (612) 334-3312

JKC:tas



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COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE Washington, D.C. 2023 www.uspto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/046,647

10/29/2001

Eric R. Lovegren

R11.12-0763

CONFIRMATION NO. 1207

FORMALITIES LETTER

OC00000007805006

WESTMAN, CHAMPLIN & KELLY A PROFESSIONAL ASSOCIATION INTERNATIONAL CENTRE 900 SECOND AVENUE SOUTH, SUITE 1600 MINNEAPOLIS, MN 55402-3319

Date Mailed: 04/05/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

/2002 RDSHRH1 00000056 10046647

740.00 DP

FILED UNDER 37 CFR 1.53(b)

18.00 OP 囯:103 130.00 02

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$9.
 - \$9 for 1 total claims over 20.
- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 444.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);



A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE



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	[2]	ee T	[2] A [2]	i Similar	TAI	-	Complete if Known				10/046,647			
Total Amount of Payment \$ 888								ation No	D		October 29, 2001			
								Date			,			
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					ge any additio			3. ADDITIONAL FEES						
required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A.								Entity Fee	Small Fee	Entity Fee	•			
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2.								(\$)	Code	(\$)		130		
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FEE CALCULATION								50	227	25	Surcharge - Late provisional Filing Fee or cover sheet			
1. BASIC FILING FEE								130	139	130	Non-English specification			
Large Entity Small Entity								2,520	147	2,520	For Filing a Request for Reexamination. (ex parte)			
Fee	Fee	Fee	Fee				115	110	215	55	Extension for reply within first month			
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>		scription		116	400	216	200	Extension for reply within second month			
101	740	201	370	X Utili	ity Filing Fee		117	920	217	460	Extension for reply within third month			
106	330	206	165		gn Filing Fee	118	1,440	218	720	Extension for reply within fourth month				
108	740 208 370 Reissue Filing Fee						128	1,960	280	980	Extension for reply within fifth month			
114	114 160 214 80 Prov. Filing Fee						120	320	220	160	Filing a brief in support of an appeal			
					Subtotal	(1) \$ 740	121	280	221	140	Request for oral hearing			
2. EXTRA CLAIM FEES								110	248	55	Terminal Disclaimer Fee			
	Numb Claim		or**	Extra	Fee from Below	Fee Paid	140	110	240	55	Petition to Revive - unavoidable			
Total	21	20		1	18	18	141	1,310	241	670	Petition to Revive - unintentional			
Indep.	3	3		0	84	0	142	1,310	242	670	Utility/Reissue issue fee (inc. advance copies)			
Multiple I	Multiple Dependent Claims							490	243	260	Design issue fee (inc. advance copies)			
** Insert 3 and 20, or number previously paid if greater; Reissue see below							122	130	122	130	Petitions to the Commissioner			
Large E Fee <u>Code</u>	Entity Fee _(\$)	Small E Fee Code	Fee (\$)	Description	n		123	50	123	50	Petitions related to provisional applications			
103 102								180	126	180	Submission of Information Disclosure Statement			
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110	The state of the s							Other Fee (specify)						
Subtotal (2) \$ 18											Subt	otal (3) \$130		

Signature (Judson K Champlin)

Reg. No. 34,797

Deposit Account No. 23-1123

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FEE TRANSMITTAL								Application No.				10/046,647			
								Filing Date				October 29, 2001			
Total Amount of Payment \$ 888									lnvant-	_	Eric R. Lovegren et al.				
								First Named Inventor Title				MEASUREMENT OF CONCENTRATION OF			
												RIAL IN A PROCESS FLUID			
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Total A	Total Amount of Payment \$888								Vumbe	r I	R11.12-0763				
	METHOD OF PAYMENT (Check One)							FEE CALCULATION (Continued)							
4 IVI T	'ho Diract	or is bere	by author	ized to cha	me any additi	onal fee	3. ADDITIONAL FEES								
required	X The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee,							Large Entity Small Enti				ity			
and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A.							1			Fee					
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2. 🗀 (Check En	closed					105	130	205			charge - Late filing fee or oath	130		
 	FEE CALCULATION								227		25 Sur	charge - Late provisional			
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	1. BASIC FILING FEE							130	139	13		n-English specification			
	Entity		II Entity				147	2,520	147	2,52	υ For	Filing a Request for Reexamination. (ex parte)			
Fee	Fee	Fee	Fee				115	110	215	5	55 Ext	ension for reply within first month			
Code	<u>(\$)</u>	Code			scription		116	400	216	20	00 Ext	ension for reply within second month			
101	740	201	370		ity Filing Fee		117	920	217	46	00 Ext	ension for reply within third month			
106	330	206	165		gn Filing Fee		118	1,440	218	72	20 Ext	ension for reply within fourth month			
108	740	208	370		sue Filing Fe	128	1,960	280	98	30 Ext	ension for reply within fifth month				
114	114 160 214 80 □Prov. Filing Fee						120	320	220	16	60 Filir	ng a brief in support of an appeal			
Subtotal (1) \$ 740								280	221	14	0 Red	quest for oral hearing			
2. EXTRA CLAIM FEES							148	110	248	5	55 Ter	minal Disclaimer Fee			
	Numb Claim		rior**	Extra	Fee from Below	Fee Paid	140	110	240	5	55 Pet	ition to Revive - unavoidable			
Total	21	20	0	1	18	18	141	1,310	241	67	0 Pet	ition to Revive - unintentional			
Indep.	3	3		0	84	0	142	1,310	242	67	70 Util	ity/Reissue issue fee (inc. advance copies)			
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Fee						123	50	123	5	60 Pet	itions related to provisional applications				
<u>Code</u> 103	<u>(\$)</u> 18	<u>Code</u> 203	<u>(\$)</u> 9	Claims in	excess of 20		126	180	126	18	30 Sub	omission of Information Disclosure			
102										Statement					
104 109	280 84	204	140 42	•	ependent Clai idependent C	581	40 581		4	40 Recording each patent assignment per property (times number of properties)					
110	Original Patent 110 18 210 9 Reissue claims in excess of 20						Other Fee (specify)					Fire Early (mines included of Brokersoo)			
and over original patent							Other F	ee (speci	עצי			^ · · ·	J (9) 6490		
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Signature (Judson K Champlin)
Date July Jooy

Reg. No. 34,797

Deposit Account No. 23-1123